

FEDERAL UTILITY PARTNERSHIP WORKING GROUP SEMINAR

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Nashville, TN

Performance Assurance Template

Hosted by:



Performance Assurance Plan Template

- OMB requires Performance Assurance for Annual Scoring
- President's Performance Contracting Challenge requires Performance Assurance in order for UESC to count toward \$4 billion goal
- Plans are to be prepared by the Utility and ac

Performance Assurance Plan

- A good plan helps both parties agree on the methodology to validate savings for ECMs identified in the proposal
- Performance Assurance actions need to:
 - prove the actual performance meets design expectations
 - be reasonable and within the power of the utility to honor
 - Provide sufficient performance assurance at costs within the project savings budget

DOE FEMP's *Minimal* Performance Assurance Levels Recommendations

The recommendations are as follows:

1. Start-up performance verification (based on measured data)
2. Performance verification at the end of warranty period (based on measured data)
3. Operations and maintenance training (required in the more common instance where the agency continues to operate and maintain the installed equipment)
4. Provision of continuing training throughout the contract period as specified in the contract as determined by the needs of the facility
5. Periodic inspections and verification of appropriate O&M performance
6. Performance discrepancy resolution

Developed with input from members of FUPWG and M&V specialists!

Performance Assurance Template

The Template Features 7 Commonly Installed ECMs:

1. Energy Management Control System (EMCS) Upgrade
2. Condensing Boiler Replacement
3. Lighting Retrofit
4. Water Efficiency Measures (Domestic)
5. HVAC Equipment and AHU Replacement
6. Chiller Replacement
7. Photovoltaic (PV) System Installation

Performance Assurance Contributors/Reviewers

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Hot Off the Presses!!

The Performance Assurance Template is now available at the FUPWG registration desk!

<http://energy.gov/eere/femp/downloads/utility-energy-services-contracts-guide-0>